

Abstract Submitted  
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**Further Investigation for Exotic Structures in the  $J/\psi\phi$  Mass Spectrum from Exclusive B decays**<sup>1</sup> SULEYMAN DURGUT, USCMS, USCMS COLLABORATION — Heavy quarkonium spectroscopy provides insight into strong interactions that are not precisely predictable by QCD theory. The structure Y(4140) observed at CDF, D0 and CMS cannot be explained by classical quarkonia model. The previous analysis of  $J/\psi\phi$  mass spectrum in exclusive  $B^+ \rightarrow J/\psi\phi K^+$  decay is based on 2011 dataset at CMS, where  $J/\psi \rightarrow \mu^+\mu^-$  and  $\phi \rightarrow K^+K^-$ . We further update this analysis using 2011 data at  $\sqrt{s} = 7TeV$  and 2012 data at  $\sqrt{s} = 8TeV$  together.

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